



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Muramatsu et al.
Serial No.: 09/817,947
Filed: March 27, 2001
Title: **SUBSTRATE FOR MOUNTING ELECTRONIC
PARTS THEREON AND METHOD OF
MANUFACTURING SAME**
Examiner: Jeremy C. Norris
Art Unit: 2827
Paul & Paul Doc. No.: 078-01

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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In the interest of full disclosure, the following items are herewith identified in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98 for consideration by Examiner. The filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to the patentability as defined in § 1.56(b).

Also enclosed is a copy of the search report issued by the European Patent Office.

U.S. PATENTS

Patent Number

Date

5,079,065

January 7, 1992

6,027,858

February 22, 2000

5,826,330

October 27, 1998

5,487,218

January 30, 1996

5,665,525

September 9, 1997

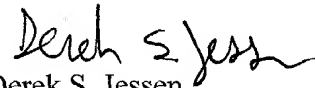
FOREIGN PATENTS

International App. No. EP 0 568 311, published on November 3, 1993.

International App. No. GB 1,042,234, published on September 14, 1966.

International App. No. JP 10041605, published on February 13, 1998. An English language abstract of the Japanese Patent App. No. 10041605.

Respectfully submitted,



Derek S. Jessen

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Philadelphia, PA 19103

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Date: April 24, 2003

**STATEMENT UNDER 37 CFR 1.97(e) ACCOMPANYING
INFORMATION DISCLOSURE STATEMENT**

Docket No.
078-01

In Re Application Of: **Muramatsu et al.**

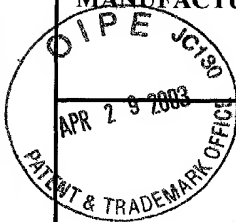
Serial No.
09/817,947

Filing Date
March 27, 2001

Examiner
Jeremy C. Norris

Group Art Unit
2827

Invention: **SUBSTRATE FOR MOUNTING ELECTRONIC PARTS THEREON AND METHOD OF
MANUFACTURING SAME**



TO THE ASSISTANT COMMISSIONER FOR PATENTS:

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This is a statement under the provisions of 37 CFR 1.97(e) in the above-identified application.

Check applicable statement herebelow:

Statement Under 37 CFR 1.97(e)(1)

- ☒ Each item of information contained in the accompanying information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

Statement Under 37 CFR 1.97(e)(2)

- ☐ No item of information contained in the accompanying information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

Derek S. Jessen
Signature

Dated: April 24, 2003

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I certify that this document is being deposited on
April 24, 2003 with the U.S. Postal Service as first
class mail under 37 C.F.R. 1.8 and is addressed to the
Assistant Commissioner for Patents, Washington, D.C.
20231.

Signature of Person Mailing Correspondence

Dara Salgado

Typed or Printed Name of Person Mailing Correspondence

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

078-01

Application Number

09/817,947

Applicant(s)

Muramatsu et al.

Filing Date

March 27, 2001

Group Art Unit

2827

U.S. PATENT DOCUMENTS

*EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,079,065	01/07/1992	Masakazu et al.	428	137	
		6,027,858	02/22/2000	Jones et al.	430	311	
		5,826,330	10/27/1998	Isoda et al.	29	852	
		5,487,218	01/30/1996	Bhatt et al.	29	852	
		5,665,525	09/09/1997	Pienimaa	430	315	

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	EP 0,568,311	11/03/1993	EP	-	-	✓	
	GB 1,042,234	09/14/1966	GB	-	-	✓	
	JP 10,041605	02/13/1998	JP	-	-	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

09/817947



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 30 2775

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 5 079 065 A (MASAKAZU ET AL.) 7 January 1992 (1992-01-07) * column 9, line 12 - line 18; claim 24; figures 10,11 *	1-5,9	H05K3/46
Y	----	6-8,10, 11	
Y	US 6 027 858 A (JONES ET AL.) 22 February 2000 (2000-02-22) * figures *	6-8	
Y	US 5 826 330 A (ISODA ET AL.) 27 October 1998 (1998-10-27) * column 5, line 57 - column 6, line 9; figure 3 *	10,11	
X	US 5 487 218 A (BHATT ET AL.) 30 January 1996 (1996-01-30) * column 2, line 60 - column 3, line 30; figure 1; example *	1-5,9	H05K
A	----	10	
X	US 5 665 525 A (PIENIMAA) 9 September 1997 (1997-09-09) * claims; figures *	1-5,9	
A	----	10	
X	EP 0 568 311 A (NIPPON CMK CORP.) 3 November 1993 (1993-11-03) * claims; figures *	1,5	H05K
A	----	3	
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 06, 30 April 1998 (1998-04-30) & JP 10 041605 A (HITACHI AIC INC), 13 February 1998 (1998-02-13) * abstract *	1-4,6,7	
	----- -/-		

The present search report has been drawn up for all claims

Place of search

THE HAGUE

Date of completion of the search

20 March 2003

Examiner

Mes, L

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
Y : particularly relevant if combined with another document of the same category
A : technological background
O : non-written disclosure
P : intermediate document

T : theory or principle underlying the invention
E : earlier patent document, but published on, or after the filing date
D : document cited in the application
L : document cited for other reasons

& : member of the same patent family, corresponding document

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 30 2775

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

20-03-2003

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5079065	A	07-01-1992	NONE		
US 6027858	A	22-02-2000	NONE		
US 5826330	A	27-10-1998	JP	2773722 B2	09-07-1998
			JP	9186456 A	15-07-1997
			JP	2778569 B2	23-07-1998
			JP	9199861 A	31-07-1997
			JP	2865048 B2	08-03-1999
			JP	9260852 A	03-10-1997
			JP	2921504 B2	19-07-1999
			JP	10065344 A	06-03-1998
US 5487218	A	30-01-1996	EP	0713359 A1	22-05-1996
			KR	273933 B1	15-12-2000
			US	RE37840 E1	17-09-2002
			US	5557844 A	24-09-1996
US 5665525	A	09-09-1997	FI	905366 A	01-05-1992
			DE	69115852 D1	08-02-1996
			DE	69115852 T2	05-06-1996
			EP	0483979 A1	06-05-1992
			JP	4283992 A	08-10-1992
EP 0568311	A	03-11-1993	JP	5315760 A	26-11-1993
			EP	0568311 A2	03-11-1993
			EP	0568313 A2	03-11-1993
			US	5404637 A	11-04-1995
JP 10041605	A	13-02-1998	NONE		
GB 1042234	A	14-09-1966	NONE		



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 30 2775

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	GB 1 042 234 A (MULLARD LTD) 14 September 1966 (1966-09-14) * claims; figures * -----	10,11	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 20 March 2003	Examiner Mes, L
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C01)